



Ro2: Expanding livelihood opportunities through variety and crop diversification

Strategy

Genetic options for intensification

- Crop diversification: Introduce & expand pigeon pea production
- Variety diversification: New varieties of groundnuts, pearl millet, sorghum and bambara nuts tested and promoted.

Ecological options for intensification

- Adaptability and compatibility studies for local socio-agro-ecological contexts through technology integration.

R4D Work

- Crop diversification: PCS and adaptability for Pigeon pea
- Variety diversification: New varieties of groundnuts (5), pearl millet (25), sorghum (25) and bambara nuts (5) QPM (8) validated, tested for integration.
- Integrate technologies. Evaluate multiple cropping systems (legume by cereal and legume by legume); Soil and water management for erosion prone and drylands.

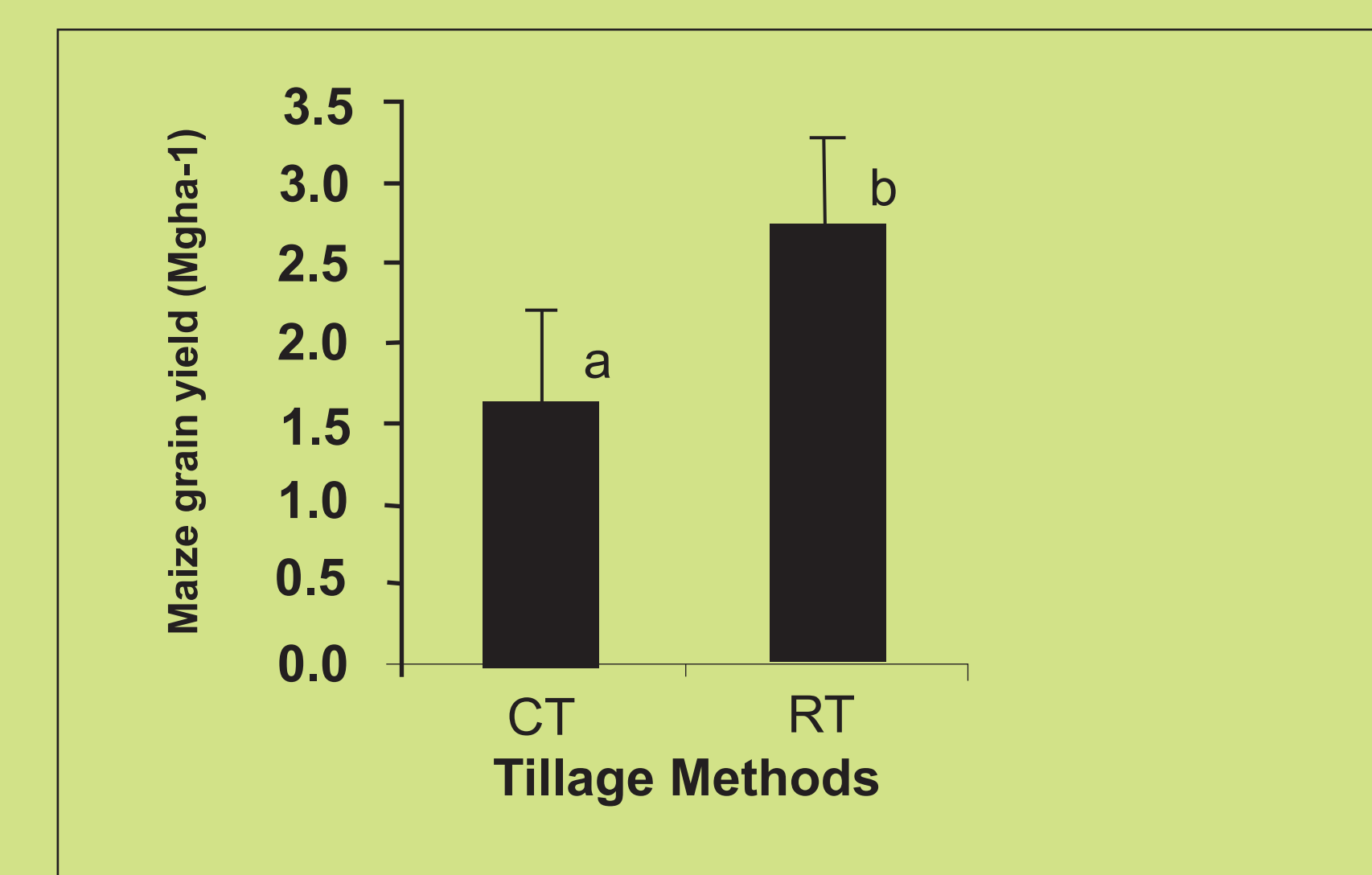


Intermediate results

New groundnut and pigeon varieties that increase yield by 3-5 fold.

Production systems for suitable for drylands evaluated for up-scaling

Higher land productivity under *insitu* water management



20-30% yield increase under insitu water harvesting.